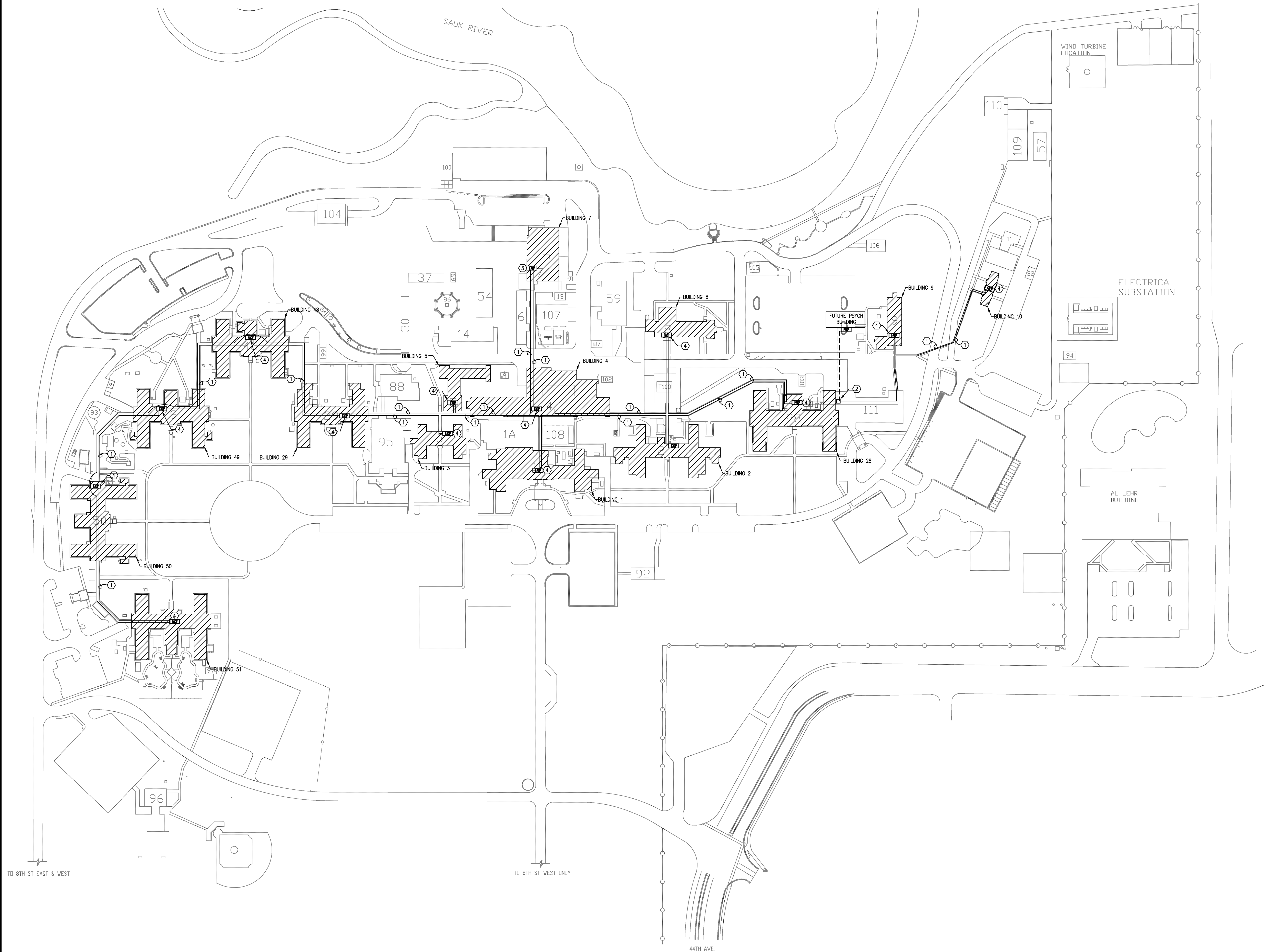


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
three sixteenths inch = one foot
one eighth inch = one foot
one sixteenth inch = one foot



GENERAL NOTES

- A. THIS SITE PLAN IS INTENDED TO SHOW THE GENERAL ROUTE OF NEW FIRE ALARM NETWORK CABLE ROUTING TO FORM A COMPLETE LOOP FROM BUILDING 7 AROUND CAMPUS AND BACK TO BUILDING 7 AS SHOWN. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING CONDITIONS, TUNNELS, CORRIDORS, ACCESS, ETC. AND TO PLAN THEIR WORK ACCORDINGLY. CONDUITS SHARING THE SAME PATHWAY INSIDE A TUNNEL OR CORRIDOR ARE TO BE PHYSICALLY SEPARATED AS MUCH AS PRACTICAL (I.E. BOTH SIDES OF TUNNEL OR BOTH SIDES OF CORRIDOR, NOT STACKED OR SIDE BY SIDE). REFER TO INDIVIDUAL BUILDING PLANS FOR ROUTES INTO AND OUT OF BUILDINGS AND FOR EXACT LOCATIONS OF ALL EQUIPMENT.
- B. ALL FIBER OPTIC CABLES ARE TO BE ROUTED IN 1" EMT CONDUIT ORANGE IN COLOR. NO LPS OR CONDUIT BODIES ARE ALLOWED. PROVIDE MINIMUM 12"x12" J-BOXES WHERE REQUIRED. ALL J-BOXES TO BE ORANGE IN COLOR AND TO BE STENOILED "ENGINEERING FIBER OPTIC".
- C. PROVIDE ALL CUTTING AND PATCHING (INCLUDING FIRE STOPPING) OF FLOORS, WALLS, OR CEILINGS REQUIRED FOR THE FIRE ALARM SYSTEM. MATCH ADJACENT SURFACES.
- D. THESE DRAWINGS SHOW THE GENERAL LOCATIONS OF EXISTING FIRE ALARM CONTROL PANELS AND REMOTE FIRE ALARM ANNUNCIATORS. THE CONTRACTOR SHALL REMOVE ALL EXISTING CONTROL PANELS, ANNUNCIATORS AND ASSOCIATED FIRE ALARM NETWORK CONTROL COMPONENTS AND REPLACE WITH NEW ADDRESSABLE FIRE ALARM CONTROL PANELS. REMOTE FIRE ALARM ANNUNCIATORS AND ASSOCIATED COMPONENTS AS SHOWN ON THESE DRAWINGS AND OUTLINED IN THE SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS OF ALL EXISTING AND NEW EQUIPMENT.
- E. NEW NETWORK FIRE ALARM CONTROL PANELS SHALL BE CONNECTED WITH A NEW FIBER OPTIC PATHWAY INSTALLED IN CONDUIT AND ARRANGED FOR DATA AND VOICE COMMUNICATION.
- F. THE EXISTING FIRE ALARM NETWORK IS AN EDWARDS IRC3 MULTIPLEX FIRE ALARM SYSTEM UTILIZING ANALOG ADDRESSABLE SIGNALING LINE CIRCUIT TECHNOLOGY. EXISTING ANALOG ADDRESSABLE INITIATING DEVICES, SIGNALING LINE CIRCUIT WIRING, NOTIFICATION APPLIANCES, NOTIFICATION APPLIANCE WIRING, AND CONTROL CIRCUIT WIRING SHALL REMAIN AND CONNECT TO NEW FIRE ALARM CONTROL PANELS. NEW FIRE ALARM CONTROL PANELS SHALL BE ARRANGED FOR COMPATIBILITY WITH EXISTING DEVICES, APPLIANCE AND CONTROL CIRCUITS. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS.
- G. EXISTING NOTIFICATION APPLIANCE SIGNALING IS ACCOMPLISHED WITH CONVENTIONAL HORN/STROBES AND SHALL REMAIN. THE NEW NETWORK FIRE ALARM SYSTEM SHALL BE ARRANGED WITH CONNECTIONS AND COMPONENTS FOR A FUTURE UPGRADE TO DIGITAL EMERGENCY VOICE/ALARM COMMUNICATIONS AS REQUIRED BY THE SPECIFICATIONS.
- H. THE CONTRACTOR SHALL PROVIDE, INSTALL AND CONNECT NEW CONDUIT AND WIRING FOR A COMPLETE SYSTEM. ALL ABANDONED FIRE ALARM WIRING AND RACEWAY SHALL BE REMOVED.
- I. SEE SPECIFICATIONS FOR INITIATING DEVICE, NOTIFICATION APPLIANCE CIRCUIT AND CONTROL CIRCUIT SCHEDULES FOR EXISTING FIRE ALARM CONTROL PANELS.
- J. SEE SPECIFICATIONS FOR PHASING AND IMPAIRMENT REQUIREMENTS.

PLAN NOTES

- ① PROVIDE NEW FIBER OPTIC BACKBONE CABLING. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- ② FIBER OPTIC TERMINATION CABINET FOR FUTURE EXTENSION TO NEW PSYCH BUILDING.
- ③ NEW MAIN FIRE ALARM CONTROL UNIT WITH DIGITAL VOICE COMMUNICATION CONTROLS. NEW GRAPHIC COMMAND CENTER WORKSTATION. REFER TO INDIVIDUAL BUILDING PLANS FOR ADDITIONAL INFORMATION. PROVIDE TERMINATION CABINET AND TERMINATE ALL FIBERS.
- ④ NEW NETWORK FIRE ALARM CONTROL PANEL. REFER TO INDIVIDUAL BUILDING PLANS FOR ADDITIONAL INFORMATION. PROVIDE FIBER OPTIC TERMINATION CABINET AND TERMINATE ALL FIBERS.

FIRE ALARM SITE PLAN
SCALE = 1"=100'-0"

100% Construction Documents - For Construction

No	REVISION	DATE

FP&C Consultants, Inc.
3770 Broadway
Kansas City, MO 64111
816.931.3377
www.fpc-consultants.com

Design Tree
ENGINEERING AND
LAND SURVEYING

Alexandria Office
1201 17th Avenue W.
Alexandria, MN 56308
(520) 762-1290

St. Cloud Office
3339 West St. Germain, Suite 250
St. Cloud, MN 56301
(320) 217-5557

JLG architects

Alexandria
525 Broadway Street
Alexandria, MN 56308
phone 320.759.9030
facsimile 320.759.9062
www.jlgarchitects.com
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JEFFREY SCOTT
LICENSED
12174
03/13/15
PROFESSIONAL ENGINEER
KANSAS

DRAWING TITLE	FIRE ALARM SITE PLAN
APPROVED: PROJECT DIRECTOR	DATE:

PROJECT TITLE	FIRE ALARM REPLACEMENT
DRAWING NO.	AS NOTED
REVISION NO.	02213001
AS NOTED	HHB
DATE	CAB
ST. CLOUD VA MEDICAL CENTER	XXX
ST. CLOUD, MN 56303	FS100

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